

## **NUTRIENT MANAGEMENT ENHANCEMENT CONSERVATION SECURITY PROGRAM**



### **OPTIMIZE NUTRIENT UTILIZATION THROUGH PRECISION SOIL TESTING AND NUTRIENT APPLICATION**

#### **WHAT:**

Soil test 5 acre units or less, and apply nutrients as recommended by the University of Tennessee.

#### **WHY:**

Soil testing 5 acre units or less can give insight as to nutrient needs so that nutrients are more correctly and cost effectively applied. Potential over application is minimized improving water quality. Lime can easily be varied without specialized equipment.

#### **WHEN:**

Soil test are conducted according to UT PB1061. Soil test are best taken in the same season each year so a trend can be monitored. Typically the ideal time to soil test is in the fall.

#### **WHERE:**

Soil test any land use (Crop, Hay, or Pasture) where yield, soil, management, and/ or slope vary.

#### **HOW:**

Randomly take sample in a zig-zag transect taking 10 or more sub-samples per 5 acres. Collect sub-samples 6" deep. Thoroughly mix sub-samples and submit 1 composite sample.

#### **HOW MUCH:**

All acres of cropland, hayland, and pastureland may utilize this enhancement. Enhancement payment is \$8.00 per acre per year for the entire field acres soil tested and nutrients applied according to the 5 acre units.